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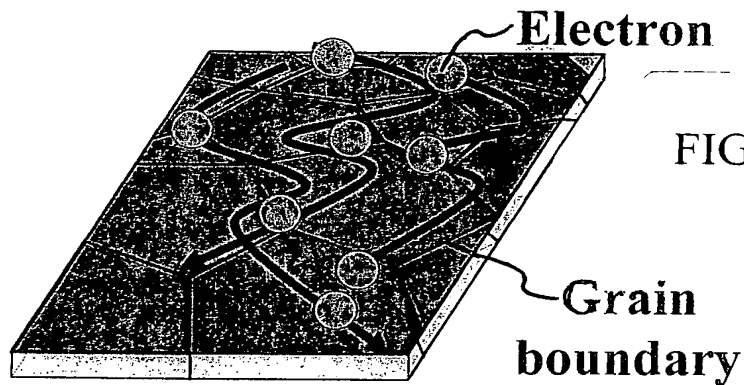
## SKETCH 1

(a) CONCEPTUAL ILLUSTRATION OF ELECTRON MOVEMENT IN CONVENTIONAL GRAINS AS DISCLOSED IN FIGS. 35 (A) AND 35 (B)

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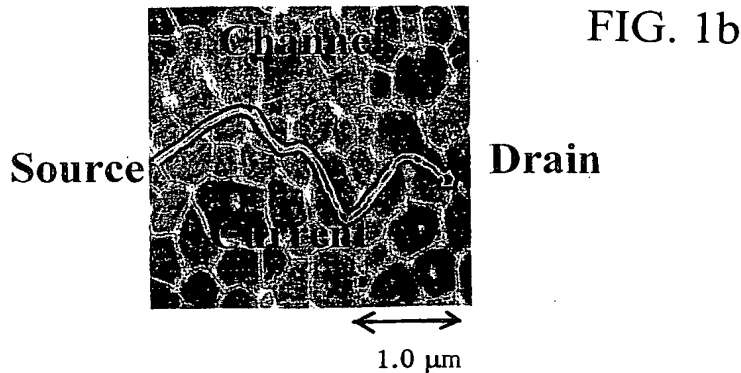
ELECTRONS TRAVEL IN A ZIGZAG FASHION BECAUSE ELECTRONS ARE SCATTERED AT GRAIN BOUNDARIES INTERSECTING ELECTRON PATHS.

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(b) SCANNING ELECTRON MICROPHOTOGRAPH OF CONVENTIONAL GRAINS AS DISCLOSED IN FIGS. 35 (A) AND 35 (B) WITH ELECTRON MOVEMENT THEREIN BEING ADDED



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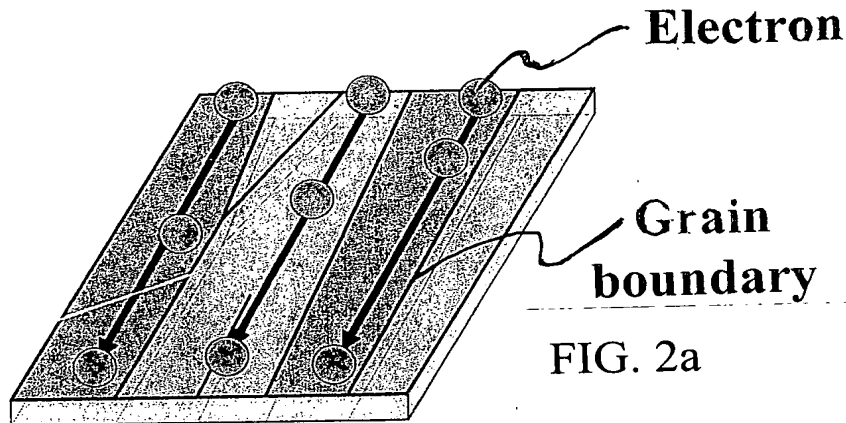
## SKETCH 2

(a) CONCEPTUAL ILLUSTRATION OF ELECTRON MOVEMENT IN GRAINS OF THE PRESENT INVENTION AS DISCLOSED IN FIGS. 17(A) AND 17(B)

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ELECTRONS TRAVEL WITHOUT BEING DISTURBED BY GRAIN BOUNDARIES BECAUSE NO GRAIN BOUNDARIES INTERSECT ELECTRON PATHS.

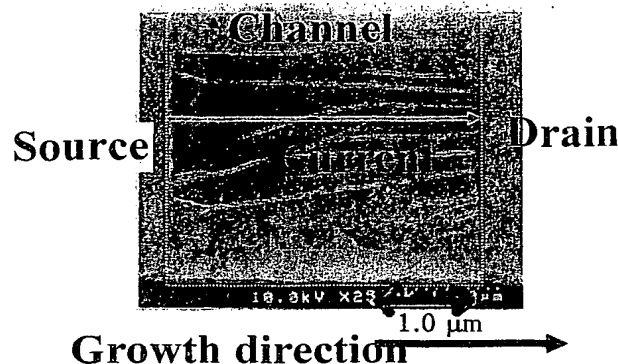
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(b) SCANNING ELECTRON MICROPHOTOGRAPH OF GRAINS OF THE PRESENT INVENTION AS DISCLOSED IN FIGS. 17(A) AND 17(B) WITH ELECTRON MOVEMENT THEREIN BEING ADDED

FIG. 2b



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